

NATIONAL AERIAL FIREFIGHTING ACADEMY



Course Information
January 30 - February 3, 2006
Tucson, Arizona

File Code: 5100

Date: November 18, 2005

Subject: National Aerial Firefighting Academy (NAFA)
January 30 through February 3, 2006

To: NAFA Nominees

Welcome NAFA nominees. The National Advanced Fire and Resource Institute (NAFRI) have reached our 1 year anniversary in our new facility, which is closely situated to the Tucson International Airport. Our address and phone numbers are:

Place: NAFRI (*National Fire Institute*)
Address: 3265 E. Universal Way, Tucson, AZ 85706

Main Phone: (520) 799-8787
Fax: (520) 799-8785

NAFRI has not blocked any hotel rooms for this meeting. Members will need to make their own Hotel room reservations. We have listed the area locations; as these sites will honor the federal government per diem rate. NAFRI does not provide transportation, these hotels will provide shuttle service to and from the airport, as well as, daily shuttle to and from the *National Fire Institute*, so rental cars may not be necessary. The hotels also provide free continental breakfast. Other amenities may be provided based on the individual hotel properties.

Amerisuites 6885 S. Tucson Blvd 520-295-0405/**800-833-1516** - Fax 520-295-9140 www.amerisuites.com
Best Western 7060 S Tucson Blvd 520-746-0271/**800-772-3847** - Fax 520-889-7391 www.bestwestern.com
Clarion Hotel 6801 S Tucson Blvd 520-746-3932/**800-526-0550** - Fax 520-889-9934 www.choicehotels.com
Comfort Suites 6935 S Tucson Blvd 520-295-4400/**800-424-6423** - Fax 520-295-4497 www.choicehotels.com
Country Inn & Suites ... 6681 S Tucson Blvd 520-741-9000/**800-456-4000** - Fax 520-741-9100 www.countryinns.com
Courtyard by Marriott.. 2505 E Executive Drive . 520-573-0000/**800-321-2211** - Fax 520-573-0470 www.courtyard.com
Embassy Suites 7051 S Tucson Blvd 520-573-0700/**800-262-8866** - Fax 520-741-9645 www.embassysuites.com
Fairfield Inn by Marriott.. 6955 S Tucson Blvd .. 520-295-8800/**800-224-0023** - Fax 520-295-8898 www.fairfieldinn.com
Hampton Inn..... 6971 S Tucson Blvd 520-918-9000/**800-426-7866** - Fax 520-889-4002 www.hamptoninn.com
Holiday Inn Express 2548 E Medina Road..... 520-899-6600/**800-864-2145** - Fax 520-899-6168 www.hiexpress.com
La Quinta Inn..... 7001 S Tucson Blvd 520-573-3333/**800-531-5900** - Fax 520-573-7710 www.laquinta.com

It is very important that you make your room reservations as soon as possible. There are several events taking place in Tucson during our course period, the International Gem show is one, and obtaining reservations at government rates will be limited. Please advise the hotel that you are involved with a NAFRI course session, most establishments have honored our rates.

The enclosed packet of information also include course objectives, 2006 Faculty roster, 2006 course schedule, and our location area map and facility layout.

If you have any questions concerning this meeting, please directly contact Tim Peterson/Course Coordinator at (520) 799-8751, or email; tjpeterson@fs.fed.us. Should Tim not be available contact Elaine Bledsoe (520) 799-8744, ebledsoe@fs.fed.us. FAX: (520) 799-8785. The NAFRI website, www.nafri.gov , may also be able to answer your questions. We look forward to having you at NAFRI.

Merrie M. Johnson
Director
National Advanced Fire and Resource Institute

NATIONAL AERIAL FIREFIGHTING ACADEMY

January 30 – February 3, 2006

Tucson, Arizona

COURSE OBJECTIVES

Enhance the aerial firefighting effectiveness and safety by integrating tactics, operations and experience into aerial firefighting training. To educate both Agency and contract personnel using expertise from both sectors.

UNIT OBJECTIVES

UNIT I – INTRODUCTION AND FIRE BASICS

Participants will gain a basic understanding of the following:

- Current aviation program
- Dispatching system
- Fire terminology
- Fire behavior
- Roles and responsibilities under the Incident Command System

UNIT II – RISK MANAGEMENT AND SAFETY

Participants will be able to do the following:

- Assess their individual strengths and weaknesses as a flight crewmember.
- Identify concepts and tools that could be useful in improving their job performance.
- Comprehend the application of Risk Management in the use of aviation resources.
- Identify an increased awareness of the Human Factors involved in Aerial Firefighting.
- Recognize opportunities and impediments involving mixed types of aircraft.

UNIT III – TACTICS AND STRATEGIES

Participants will be able to do the following:

- Recognize various skills, strategies and techniques to aid them in the application of fire retardant and class “A” foam.
- Identify the concepts of common fire terminology and the reasons for its use in the aviation community.
- Identify Crew Resource Management during the fire simulation exercise.

Each of the lectures and/or simulations in this Unit are designed to hone skills already learned and to teach new skills in the following:

- Low Level Mountain Flying with heavy aircraft
- Retardant application
- Tactics and strategies
- Target description
- Fire size up

At the end of this Unit, a simulation will be presented so that skills and knowledge learned can then be applied in an environment matching the abilities of the target group.

**National Aerial Firefighting Academy
National Advanced Fire & Resource Institute
Tucson, Arizona**

FACULTY ROSTER

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NATIONAL ADVANCED FIRE AND RESOURCE INSTITUTE

NATIONAL AERIAL FIREFIGHTING ACADEMY

**Monday
January 30, 2006**

1300 - 1600	Faculty Meeting	Cadre
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**Tuesday
January 31, 2006**

0800 - 0805	NAFRI Administration Details	Tim Peterson
UNIT I	INTRODUCTION AND FIRE BASICS	BRUCE DETRICK, Unit Leader
0805 - 0815	Welcome and Introductions	Kathy Allred
0815 - 0945	I-A Opening Speaker	Allan McDonald
0945 - 1000	- <i>BREAK</i> -	
1000 - 1130	I-A Opening Speaker - <i>Continued</i> -	Allan McDonald
1130 - 1200	I-B Fire Behavior/Fuel Models	Joel Lane
1200 - 1300	- <i>LUNCH</i> -	
1300 - 1415	I-B Fire Behavior/Fuel Models – <i>Continued</i> -	Joel Lane
1415 – 1430	- <i>BREAK</i> -	
1430 - 1600	I-C Dispatching of Aerial Resources/ Flight Following Status	Doug Shinn/Robin Robertson
1600 - 1610	- <i>BREAK</i> -	
1610 - 1700	I-D ICS Roles and Responsibilities	Bruce Detrick

**Wednesday
February 1, 2006**

UNIT II	RISK MANAGEMENT AND SAFETY	KENNY CHAPMAN, Unit Leader
0800 - 1000	II-A Integrating Air Operations	Kenny Chapman/TBD
1000 - 1015	- <i>BREAK</i> -	
1015 - 1145	II-B Airspace (FAA Wings Seminar)	Ben Hinkle
1145 - 1245	- <i>LUNCH</i> -	
1245 - 1415	II-C Lessons Learned	Bill Waldman
1415 - 1430	- <i>BREAK</i> -	
UNIT III	TACTICS AND STRATEGIES	GREG HOUSE, Unit Leader
1430 - 1445	Begin in Auditorium and then break into groups	

NATIONAL ADVANCED FIRE AND RESOURCE INSTITUTE

NATIONAL AERIAL FIREFIGHTING ACADEMY

**Wednesday
February 1, 2006**

-- BREAK OUT SESSIONS --

1445 - 1645	III-A Retardant Use Rincon Rooms	III-B Tactics/Strategies Sonoran Room	III-C Target Description Fire Size Up (Sole Resource) Catalina Rooms
	GROUP A	GROUP B	GROUP C
	Merrill Saleen Rusty Warbis	Kenny Chapman Gus Johnson Bill Waldman	Greg House Ron Vail Chris Holm Mike Lynn Ron Barrett Steve Maxwell

**Thursday
February 2, 2006**

-- BREAK OUT SESSIONS CONTINUED --

	III-A Retardant Use Rincon Rooms	III-B Tactics/Strategies Sonoran Room	III-C Target Description Fire Size Up (Sole Resource) Catalina Rooms
0800 - 1000	GROUP B	GROUP C	GROUP A
1000 – 1015	- BREAK -		
1015 - 1215	GROUP C	GROUP A	GROUP B
1215 - 1315	- LUNCH -		
1315 – 1330	III-G MAFFS & Scooper Utilization		Mike Lynn
1330 - 1445	III-D SEAT Utilization		Mark Bickham/Tom French/Beryl Shears
1445 – 1500	- BREAK -		
1500 - 1615	III-E Type I Helicopter Utilization		Chuck Taylor/Kenny Chapman/ Brad Gibbs/Bruce Detrick
1615 – 1630	Fire Simulation Demo		Cadre
1630 – 1730	SIM TEAM MEETING		Cadre

**Friday
February 3, 2006**

0800 – 0805	Sonoran Room/Auditorium (Briefing)		
0800 - 1100	III-F	Fire Simulation/CRM Participants will be split into two groups	Cadre
1100 - 1115	- <i>BREAK</i> -		
1115 - 1215	Course Evaluation and Close Out		Kathy Allred
1215 -	Steering Committee Close Out		

AREA MAP

NATIONAL ADVANCED FIRE & RESOURCE INSTITUTE



HOTELS
 RESTAURANTS
 CONVENIENCE & GAS
 TRAFFIC LIGHTS

- | | | | |
|---|--|---|--|
| 1 Embassy Suites | 4 Hampton Inn | 7 Amerisuites | 10 Country Inn |
| 2 Best Western | 5 Fairfield Inn | 8 Clarion Hotel | 11 Courtyard Marriott |
| 3 La Quinta Inn | 6 Comfort Ste. | 9 Holiday Inn Exp. | 12 Park Inn |
| 13 Finnegan's | 18 Kyoto Bowl | 23 McDonald's | 28 Sachiko Sushi |
| 14 The Inn Place | 19 Denny's | 24 Wendy's | 29 Los Betos |
| 15 Morgan's | 20 Jerry Bob's | 25 Baggins | 30 Eegee's |
| 16 Subway | 21 Quiznos | 26 Caffè Nation | 31 Schlotsky's |
| 17 Burger King | 22 Waffle House | 27 Carl's Jr. | |

← To Airport / I-10, I-19

← Valencia Road → To I-10

Airport
Commerce
Center
Entrance

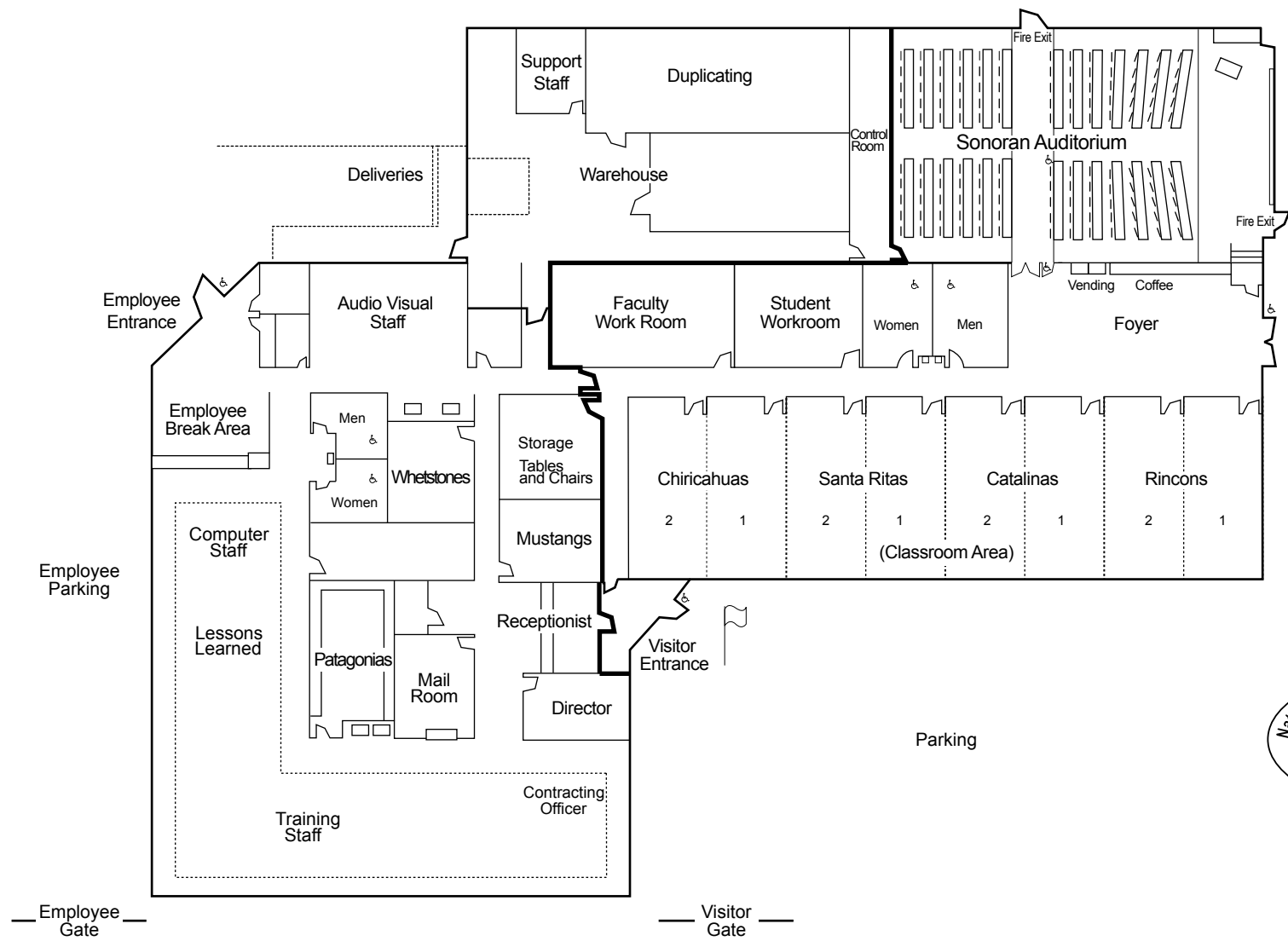
Lisa Frank Ave.

Conference & Training
Entrance

Parking



← Universal Way →



Tucson Facts and Recreation

Tucson is located in the Sonoran Desert approximately 100 miles south of Phoenix and 60 miles north of the Mexico border. It is 2,389 feet above sea level. You can expect typical Sonoran Desert climate during your stay. Temperature highs and lows from November to March are usually in the seventies during the day and forties at night. Late spring and summer daytime temperatures can run into the one-hundreds, with fifty to seventy degrees at night. Tucson receives an average of 350 days of sunshine annually.

Arizona is located in the Mountain Standard Time Zone (MST), however, AZ does not adjust to Daylight Savings Time, and therefore, during the months of April through October, AZ time mirrors Pacific Daylight Time.

Tucson is an ideal area for recreational and cultural activities, if the length of your stay allows time for exploration. Tucson has the flavor of a metropolitan area without forgetting the cultural amenities of its pioneer past. The area abounds with art museums, theaters, restaurants, resorts, and shopping areas.

Tucson metropolitan area covers 500 square miles and the valley is surrounded by five mountain ranges:

- Santa Catalinas – rugged range north and northeast
- Rincon – rolling mountains to the east
- Santa Rita – flanking the distant south & southeast
- Tucson Mountains – shorter, jagged mountains to the west
- Tortolita – closing the ring on the northwest side.

Tucson is the home of the Saguaro National Park, Arizona-Sonora Desert Museum and Coronado National Forest. All these areas provide an excellent interpretation of desert life. The Desert Museum features living examples of typical plants and animals.

Did you know that a Saguaro cactus doesn't start to grow its traditional arms until it is seventy-plus years old? You can learn this and more at the Saguaro National Park operated by the National Park Service. The Coronado National Forest is a study in contrasts. A two-hour drive can take you from desert to alpine lands where Mt. Lemmon features skiing in winter (weather permitting). More than thirty campgrounds are located throughout the Forest. Sabino Canyon east of Tucson is a popular spot known for its cool waters.

Other points of interest include Mission San Xavier del Bac south of Tucson; the frontier town of Tombstone where the famous OK Corral gun battle took place; Nogales, Sonora, Mexico for south-of-the-border shopping and sightseeing; and Tucson's many fine shopping areas including the Foothills, Tucson, Park Place, and El Con Malls.

Make sure you bring clothing suited to the time of your visit. You may want to pack athletic clothes, as the wide-open space provides many jogging and hiking areas.

For free visitor information, call or write:
Tucson Convention and Visitors Bureau
130 S. Scott Avenue
Tucson, Arizona 85701
(520) 624-1817
www.visittucson.org

DINING

Finnegan's

Located in Embassy Suites Hotel
Food & Beverages served until 11:00 pm

Morgan's

Located in the Clarion Hotel
Food & Beverages served until 11:00 pm

The Inn Place

Located in the Best Western Airport
Food & Beverages served in the evening from 5:00 pm to 9:00 pm

Sachiko Sushi

Japanese cuisine, sushi bar and evening karaoke
Food & Beverages served 10:30 am to 11:00 pm

Denny's

24-hour restaurant

Jerry Bob's Family Restaurant

Home-cooked food, Breakfast and lunch menu
Food & Beverages served 5:00 am to 2:00 pm

Waffle House

Breakfast anytime
24 hour restaurant

Kyoto Bowl

Japanese Cuisine
Open 10:30 am to 9:00 pm

Los Betos Mexican Restaurant

Drive-thru
Open 4:30 am to 12 Midnight

Caffe Nation

Coffee, espresso, bagels, baked goods and specialty lunch menu
Free wireless internet available. Food & Beverages served 6:00 am to 6:00 pm

Fast Food in Area

Burger King
Baggins Gourmet Sandwiches
Carl's Jr.
Eegee's
McDonald's
Quiznos
Schlotzsky's Deli
Subway
Wendy's

LODGING

<u>AmeriSuites</u>	6885 S. Tucson Blvd.....	520-295-0405/800-833-1516**
	Fax 520-295-9140	<u>www.amerisuites.com</u>
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	Fax 520-889-7391	<u>www.bestwestern.com</u>
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	Fax 520-889-9934	<u>www.choicehotels.com</u>
<u>Comfort Suites</u>	6935 S Tucson Blvd.....	520-295-4400/877-424-6423**
	Fax 520-295-4497	<u>www.choicehotels.com</u>
<u>Country Inn & Suites</u>	6681 S Tucson Blvd.....	520-741-9000/888-201-1746**
	Fax 520-741-9100	<u>www.countryinns.com</u>
<u>Courtyard by Marriott</u>	2505 E Executive Drive.....	520-573-0000/800-321-2211**
	Fax 520-573-0470	<u>www.courtyard.com</u>
<u>Embassy Suites</u>	7051 S Tucson Blvd.....	520-573-0700/800-362-2779**
	Fax 520-741-9645	<u>www.embassysuites.com</u>
<u>Fairfield Inn by Marriott</u>	6955 S Tucson Blvd.....	520-295-8800/800-228-2800**
	Fax 520-295-8898	<u>www.fairfieldinn.com</u>
<u>Hampton Inn</u>	6971 S Tucson Blvd.....	520-918-9000/800-426-7866**
	Fax 520-889-4002	<u>www.hamptoninn.com</u>
<u>Holiday Inn Express</u>	2548 E Medina Road	520-899-6600/888-465-4329
	Fax 520-899-6168	<u>www.hiexpress.com</u>
<u>La Quinta Inn</u>	7001 S Tucson Blvd.....	520-573-3333/866-725-1661**
	Fax 520-573-7710	<u>www.laquinta.com</u>
<u>Quality Inn</u>	2803 E Valencia.....	520-294-2500/866-725-1661
	Fax 520-741-0851	<u>www.qualityinn.com</u>

**** Specify *TUCSON AIRPORT* Location**

All hotels provide shuttle service to and from the airport, as well as daily shuttle to and from the institute. Please make arrangements with each individual hotel for this service. All hotels provide a free continental breakfast. Other amenities are provided on a hotel by hotel basis.